

Dodge Ram 1995 - 2009 Service Manual



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OVERHEAD CONSOLE

Two different overhead consoles are available on DR models. The Electronic Vehicle Information Center (EVIC) (Fig. 1) or Compass Mini-Trip Computer (CMTC). All consoles are equipped with two reading/courtesy lamps. The overhead console is mounted with screws and two snap clips to a molded plastic retainer bracket located above the headliner.

COMPASS DISPLAY

All the available overhead consoles on this model include Compass information. While in the compass/temperature mode, the compass will display the direction in which the vehicle is pointed using the eight major compass headings (Examples: north is N, northeast is NE). The self-calibrating compass unit requires no adjusting in normal use. The only calibration that may prove necessary is to drive the vehicle at 5 to 8 kilometers-per-hour (3 to 5 miles-perhour), on level ground in a square shaped pattern. This will reorient the compass unit to its vehicle. The compass unit also will compensate for magnetism the body of the vehicle may acquire during normal use. However, avoid placing anything magnetic directly on the roof of the vehicle. Magnetic mounts for an antenna, a repair order hat, or a funeral procession flag can exceed the compensating ability of the compass unit if placed on the roof panel. Magnetic bit drivers used on the fasteners that hold the

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DR MESSAGE SYSTEMS

overhead console assembly to the roof header can also affect compass operation. If the vehicle roof should become magnetized, the demagnetizing and calibration procedures found in this section may be required to restore proper compass operation.

TEMPERATURE DISPLAY

All the available overhead consoles on this model include Temperature information. The temperature displays the outside ambient temperature in whole degrees. The temperature display can be toggled from Fahrenheit to Celsius by selecting the desired U.S./Metric option from the customer programmable features. The displayed temperature is not an instant reading of conditions, but an average temperature. It may take the temperature display several minutes to respond to a major temperature change, such as driving out of a heated garage into winter

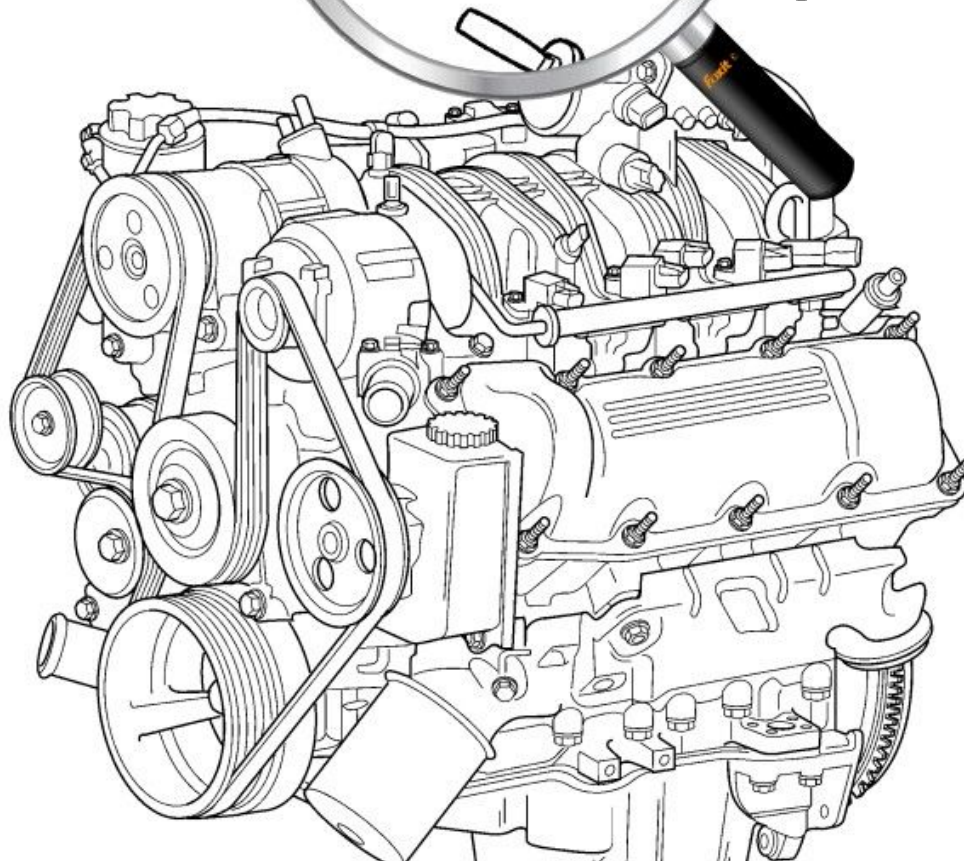
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ENGINE - 3.7L

DESCRIPTION

The 3.7 liter (226 CID) six-cylinder 90° single overhead camshaft engine is made of cast iron cylinder block is made of different components; the first component is the bed-plate and upper block, the second component is the cylinder

The engine houses the lower half of the crankshaft. The cylinders are numbered from 1 to 6, the left bank being numbered 1,3,5 and the right bank being numbered 2,4, and 6. The engine serial number is located at the right front side of the



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